Index of Claims

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09/990,754

Examiner

John L. Shew

Applicant(s)/Patent under Reexamination

FEUERSTRAETER ET AL.

Art Unit

2616

√ Rejected
= Allowed

\_ (Through numeral)
Cancelled
+ Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Cla             | aim       | Date            |          |          |          |                  | ]                                   | Claim           |              |   | Date  |          |          |                     |         | CI      | aim             | Date    |                     |          |       |          |           |                    |     |          |          |          |          |          |          |
|-----------------|-----------|-----------------|----------|----------|----------|------------------|-------------------------------------|-----------------|--------------|---|-------|----------|----------|---------------------|---------|---------|-----------------|---------|---------------------|----------|-------|----------|-----------|--------------------|-----|----------|----------|----------|----------|----------|----------|
| l _ :           | <u>-a</u> | ۱,,             |          |          |          |                  |                                     |                 |              |   |       | _        | <u></u>  |                     |         |         | 1               |         |                     |          |       | <u></u>  |           |                    |     |          |          |          |          |          |          |
| Final           | Original  | 90/2/9          |          |          |          |                  |                                     |                 |              |   |       | Final    | Original | 1 1                 |         |         | ! !             |         | 1 !                 |          | Final | Original |           |                    |     |          |          |          |          | ŀ        |          |
| Œ               | l Š       | 6               |          |          |          |                  |                                     |                 |              |   |       | 证        | ٦        | 1                   | .       |         |                 | 1       |                     |          | Œ     | ا بَيِّ  |           |                    |     |          |          |          |          |          |          |
|                 | <u> </u>  | Ļ               | <u> </u> |          | L        |                  |                                     |                 | L            |   |       |          |          | Ш                   | _ _     |         | Ш               |         |                     | :::::    |       |          | L         |                    |     |          |          |          |          |          |          |
|                 | 1_        | 1               |          |          |          | ļ                | <u> </u>                            |                 | <u> </u>     |   |       |          | 51       | Ш                   |         | $\perp$ |                 |         |                     | _        |       | 101      |           |                    |     |          |          |          |          |          |          |
| L               | 2         | ٧               |          |          |          | L                | L                                   | _               | L            |   |       |          | 52       | $\sqcup \bot$       | $\perp$ | Ш.      |                 |         |                     |          |       | 102      |           |                    |     |          |          |          |          |          |          |
| ļ               | 3         | 1               |          |          |          | <u> </u>         |                                     | L               | $oxed{oxed}$ |   |       |          | 53       |                     |         |         |                 |         | Ш                   |          |       | 103      |           |                    |     |          |          |          |          |          |          |
| <u> </u>        | 4         | 1               |          |          |          | L                | <u> </u>                            |                 |              |   |       |          | 54       |                     |         |         |                 |         |                     |          |       | 104      |           |                    |     |          |          |          |          | П        |          |
|                 | 5         | 1               | _        |          |          | _                |                                     |                 |              |   |       |          | 55       |                     |         |         |                 |         | $\perp \perp$       |          |       | 105      |           |                    |     |          |          |          |          |          |          |
|                 | 6         | Ŀ               |          |          |          | L_               | L                                   |                 | _            |   |       |          | 56       | Ш                   | _[_     |         |                 |         | Ш                   |          |       | 106      |           |                    |     |          |          |          |          |          |          |
|                 | 7         | √               |          |          | L        |                  | _                                   | ᆫ               | _            |   |       |          | 57       |                     |         |         |                 |         | Ш                   |          |       | 107      |           |                    |     |          |          |          |          |          |          |
|                 | 8         | ٠.              |          |          | L        |                  | _                                   | L               | $\perp$      |   |       |          | 58       |                     |         |         | Ш               |         |                     |          |       | 108      |           |                    |     |          |          |          |          |          |          |
|                 | 9         | 1               | <u></u>  |          | Ш        | _                | <u> </u>                            | L               | $\perp$      |   |       |          | 59       |                     |         |         | $\sqcup$        |         | Ш                   |          |       | 109      |           | Ш                  | [   |          |          |          |          |          |          |
|                 | 10        | 1               |          |          | _        | 匚                | _                                   | <u> </u>        | Ш            | _ |       |          | 60       |                     |         | $\bot$  | $\sqcup$        |         | $\sqcup$            | _        |       | 110      |           | Ш                  |     |          |          |          | Ш        |          |          |
| <u></u>         | 11        | 1               | L        |          | L.       | <u> </u>         | <u> </u>                            | <u> </u>        | $\perp$      | _ |       | <u> </u> | 61       | $\sqcup \bot$       |         | 1_      | $\sqcup$        | $\perp$ | $\sqcup \bot$       | _        |       | 111      | انــا     | Щ                  |     |          |          |          | $\Box$   |          |          |
| $\square$       | 12        | 1               | <u> </u> |          |          | _                | <u> </u>                            | <b>L</b>        | $\sqcup$     | _ |       | <u> </u> | 62       | $\sqcup \downarrow$ | $\perp$ |         | $\sqcup$        |         | $\sqcup$            | _        |       | 112      |           |                    |     |          |          | Ш        | Ш        |          |          |
| L               | 13        | -               | igspace  |          | <u> </u> | $\vdash$         | <u> </u>                            | <b> </b>        | $\vdash$     | _ |       | <u> </u> | 63       | $\sqcup \bot$       | $\perp$ |         | $\sqcup$        |         | $\sqcup$            | _        |       | 113      | Ш         |                    | _   |          |          |          | Ш        |          | ]        |
|                 | 14        | <u>  -</u>      | $\sqcup$ |          | <u> </u> | $oxed{oxed}$     | _                                   | _               | $\vdash$     | _ |       |          | 64       | $\sqcup$            | $\perp$ | _       |                 |         | $\sqcup$            | _        |       | 114      |           |                    |     |          |          |          | Ш        | $\Box$   | ]        |
|                 | 15        | -               | ldash    |          | _        | _                |                                     | <u> </u>        |              |   |       |          | 65       | Ш                   |         | ┷       | $\sqcup$        |         |                     | _        |       | 115      |           |                    |     |          |          |          | Ш        |          |          |
| $\vdash$        | 16        | 1               | igwdap   | ٠        | <u> </u> | $\vdash$         | $\vdash$                            | ├_              | $\vdash$     | _ |       | <u> </u> | 66       | $\sqcup$            | $\perp$ | _       | $\sqcup$        | _ _     | $\sqcup$            | _        | _     | 116      | Ш         | Ш                  |     |          |          |          | Ш        |          |          |
|                 | 17        | Ŀ               | L.       |          |          |                  | _                                   | ㄴ               | _            |   |       |          | 67       |                     | $\bot$  |         | Ш               |         | Ш                   | _        |       | 117      |           |                    |     |          |          |          | Ц        |          |          |
| <u> </u>        | 18        | Ŀ               | L.       |          | :        |                  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L               | L            |   |       | L        | 68       |                     |         | ┷       | $\sqcup$        | :       |                     | _        |       | 118      |           |                    |     |          |          |          | $\Box$   |          |          |
|                 | 19        | √               | Щ        |          |          |                  | L.                                  | <u> </u>        |              |   |       |          | 69       | $\sqcup$            |         | _ _     | Ш               |         |                     | _        |       | 119      |           |                    |     | ·        |          |          |          |          |          |
|                 | 20        | -               | Ш        |          |          | Ш                | _                                   | ╙               |              | _ |       |          | 70       |                     | _ _     | Щ       | Ш               |         |                     | _        |       | 120      |           |                    |     |          |          |          |          |          |          |
|                 | 21        | 1               |          |          | _        | Ш                | <u> </u>                            | <u> </u>        |              |   |       |          | 71       |                     |         |         | Ш               | $\bot$  |                     | _        |       | 121      |           |                    |     |          |          |          | $\Box$   |          |          |
|                 | 22        | <u> </u>        |          |          | _        |                  |                                     | <u> </u>        |              |   |       |          | 72       |                     | _ _     |         | Ш               |         |                     |          |       | 122      |           |                    |     |          |          |          | Ш        |          |          |
|                 | 23        | 1               |          |          |          |                  | <u> </u>                            |                 |              |   |       |          | 73       | $\sqcup$            |         |         | Ш               |         | $\sqcup \bot$       | ::::     |       | 123      |           |                    |     |          |          |          |          |          |          |
| <u> </u>        | 24        | <b>√</b>        | Ш        |          |          |                  |                                     | <u> </u>        |              |   |       |          | 74       |                     |         |         | Ш               |         | L                   | _        |       | 124      |           | $\perp \downarrow$ | _   | _        |          |          |          |          |          |
| L               | 25        | 1               | Ш        |          |          |                  |                                     | <u> </u>        | <u> </u>     |   |       |          | 75       | Ш                   |         |         | $\sqcup$        |         |                     | _        |       | 125      |           | $\Box$             | _   | $\Box$   |          |          |          |          |          |
|                 | 26        | 1               | Ш        |          | _        | Ш                |                                     | _               | Ш            |   |       |          | 76       | Ш                   |         | Д_      |                 |         | $\sqcup$            | _ ::::   |       | 126      |           |                    | _   |          |          |          | $\sqcup$ | $\Box$   |          |
| <u> </u>        | 27        | -               |          |          |          | _                |                                     | _               | $\perp$      |   |       |          | 77       | $\sqcup \bot$       |         |         | Ш               | _       | $\sqcup$            | _        |       | 127      | ٠         |                    | _   | _        |          |          |          |          |          |
|                 | 28        | 1               | _        |          |          |                  |                                     | _               | Н            |   |       |          | 78       | $\sqcup$            | $\perp$ |         | $\sqcup$        |         | $\sqcup$            | _        |       | 128      |           |                    | _   |          | _        |          | $\perp$  | $\sqcup$ |          |
| $\vdash$        | 29        | 1               |          |          |          | Ш                |                                     |                 | Ш            |   |       |          | 79       | $\sqcup$            | $\bot$  | 4_      | $\sqcup \bot$   |         | $\sqcup$            | _        |       | 129      |           |                    |     |          |          |          | $\perp$  | $\Box$   |          |
| <b>├</b>        | 30        | √,              |          | _        |          |                  |                                     |                 | Ц            |   |       |          | 80       | $\perp$             | _ _     | 4       |                 |         | Ш                   | _        |       | 130      |           |                    | _   |          | _        |          | $\perp$  |          |          |
| <b>├</b> —      | 31        |                 | Ш        | _        |          | Щ                |                                     | L               | $\sqcup$     | _ |       |          | 81       | $\vdash$            |         |         | Ш               | _       | $\sqcup$            | _        |       | 131      |           |                    | _   |          |          |          |          |          |          |
| <b> </b>        | 32        | 1               | Ш        | _        | _        | Н                | Ш                                   | <del>  -</del>  | Н            |   |       | <u> </u> | 82       | $\vdash$            |         | +-      | $\vdash \vdash$ |         | $\sqcup$            | _        |       | 132      |           | Щ                  | _   |          | $\Box$   |          | $\dashv$ |          |          |
|                 | 33        | -               | Щ        | _        |          | Щ                | ļ.,                                 | <u> </u>        | Н            |   |       |          | 83       |                     | $\bot$  | +       | $\vdash \vdash$ |         | $\sqcup \downarrow$ | _        |       | 133      |           | $\sqcup 1$         |     | $\Box$   |          | Ш        |          |          |          |
|                 | 34        | 7               |          |          |          | Н                | Щ                                   |                 | Н            |   |       |          | 84       | -                   | +       | +       | $\vdash \vdash$ | +       | $\vdash$            | 4        |       | 134      | $\square$ | $\sqcup$           | _   | ļ        |          | $\sqcup$ |          | $\dashv$ | _        |
| · -             | 35        | 7               |          |          | -        | Ш                |                                     | _               | Н            |   |       | <u> </u> | 85       | $\vdash \vdash$     | +       | +-      | $\vdash$        | +-      | $\vdash \downarrow$ | _ !!!!   |       | 135      | Щ         | $\sqcup$           | _   | _        |          | $\Box$   |          |          |          |
| $\vdash \vdash$ | 36        | 1               |          | _        | $\vdash$ | Н                |                                     |                 | $\vdash$     |   |       |          | 86       | $\vdash \downarrow$ | -       | ╄-      | $\vdash$        | -       | $\vdash$            | 4        |       | 136      |           | $\sqcup$           | _   | _        |          | $\sqcup$ |          |          | ᆜ        |
| $\vdash$        | 37        | ^               |          |          |          | $\vdash$         | Щ                                   | $\vdash$        | Н            |   |       |          | 87       | $\vdash \vdash$     | _       | 4_      | $\vdash$        | +-      | $\vdash$            |          |       | 137      |           | $\sqcup$           | _   |          | _        | $\Box$   | $\dashv$ |          |          |
| $\vdash$        | 38        |                 |          |          | -        |                  | Н                                   | -               |              |   |       |          | 88       | $\vdash$            | +       |         | ┝╌┞             |         | $\vdash \vdash$     |          |       | 138      |           | _                  | _   |          | _        | _        | _        |          | _        |
| $\vdash$        | 39        | $\vdash \dashv$ | $\vdash$ |          | $\vdash$ | Н                | Н                                   | $\vdash$        | $\vdash$     | _ |       |          | 89       | <b>├</b> ─-├-       |         | —       | ╀               | +       | $\vdash \vdash$     | - ::::   |       | 139      |           |                    | _   |          |          | _        | _        |          | _        |
| $\vdash$        | 40        | $\vdash$        |          |          | _        | $\vdash$         | Н                                   | -               | $\vdash$     |   |       | ļļ       | 90       | $\vdash \vdash$     |         | -       | -               | -       | $\vdash \vdash$     | _        |       | 140      |           |                    |     | _        | _        |          |          |          |          |
| $\vdash \dashv$ | 41        | -               |          |          | -        | $\vdash \dashv$  | $\vdash$                            | $\vdash$        | $\vdash$     |   |       |          | 91       | $\vdash \vdash$     | -       | +-      | ┝╌┼             | +       | -                   | 4:::     |       | 141      | _         | $\dashv$           | _   | _        | _        | _        |          |          | _        |
| ┝─┤             | 42        | $\vdash$        |          |          |          | Н                | Н                                   | -               | $\vdash$     |   |       | <u> </u> | 92       | $\vdash \vdash$     | +       | +-      | $\vdash \vdash$ | +       | $\vdash$            | <b>—</b> |       | 142      |           | _                  | _   | _        | ļ        |          |          |          |          |
| ┝╌┤             | 43        |                 |          |          |          |                  |                                     | $\vdash$        |              |   |       |          | 93       | $\vdash \vdash$     |         | +       | $\vdash$        |         | ⊦-⊦                 |          |       | 143      |           | _                  | _   | _        |          | _        | $\dashv$ | _        | _        |
| $\vdash \dashv$ | 44<br>45  |                 |          |          |          | $\vdash \dashv$  | -                                   | $\vdash\vdash$  |              |   |       | $\vdash$ | 94       | $\vdash$            |         | +-      | $\vdash$        | +-      | $\vdash \vdash$     |          |       | 144      |           | _                  | _   | _        |          | _        | _        | _        | ᅬ        |
| ├               |           | $\dashv$        |          | $\dashv$ | $\dashv$ | $\vdash$         | _                                   | $\vdash$        | $\vdash$     |   |       |          | 95       | $\vdash \vdash$     |         | +-      | $\vdash \vdash$ | -       | $\vdash$            | -        |       | 145      |           | $\dashv$           | _   |          |          | $\dashv$ | _        |          | $\dashv$ |
| ┝─┤             | 46        | _               |          |          | _        | $\vdash$         | -1                                  | Н               | $\vdash$     |   |       |          | 96       | ┝╌┼                 | 4       | +-      | $\vdash$        | $\bot$  | $\sqcup$            | _        |       | 146      | _         | $\dashv$           | _   | _        |          | _        |          |          |          |
|                 | 47        |                 |          |          | _        | ├ <del>┈</del> ┃ | $\vdash$                            | $\vdash$        |              |   |       |          | 97       | $\vdash \downarrow$ | 4       | ╂-      | $\vdash \vdash$ |         | $\sqcup \bot$       | _        |       | 147      | _         | $\dashv$           |     | $\dashv$ | $\Box$   |          | $\dashv$ | ᆚ        |          |
|                 | 48        | _               |          | _        |          | $\vdash \dashv$  |                                     | $\vdash$        | $\vdash$     | _ |       |          | 98       | $\vdash \downarrow$ | 4       | +-      | $\sqcup \bot$   | $\perp$ | $\sqcup$            | _        |       | 148      |           | $\dashv$           | _   |          | $\sqcup$ |          | $\dashv$ | $ \bot $ |          |
| <del>  </del>   | 49        |                 |          |          |          |                  |                                     | $\vdash \vdash$ | ┝╼┤          | _ |       | `        | 99       | $\vdash \downarrow$ | 4       | +-      | $\sqcup$        | $\bot$  | $\sqcup \bot$       | _        |       | 149      | $\dashv$  |                    |     |          | _        |          | $\bot$   | $\perp$  |          |
| لـــــا         | 50        |                 |          |          |          | $\sqcup$         | $\Box$                              | ╙               | Ш            |   | ::::: |          | 100      | Щ                   | ᆚ       | _       | L_l.            | Ш.      | L _l_               | _ !!!!   |       | 150      |           |                    | - 1 |          | - 1      |          | - [      | - 1      | - 1      |